

Science and engineering profile: South Carolina

Characteristic	State	U.S. total	Rank
Employed SEH doctorate holders, 2006	5,910	620,140	27
S&E doctorates awarded, 2007	282	31,801	30
Engineering (%)	30	24	–
Life sciences (%)	29	26	–
Physical sciences (%)	11	13	–
SEH postdoctorates in doctorate-granting institutions, 2006	360	49,201	27
SEH graduate students in doctorate-granting institutions, 2006	3,720	542,073	36
Population, 2008 (thousands)	4,480	308,014	24
Civilian labor force, 2008 (thousands)	2,153	155,366	24
Personal income per capita, 2007 (dollars)	31,103	38,615	45
Federal spending			
Total expenditures, 2007 (\$millions)	37,056	2,532,073	25
R&D obligations, 2006 (\$millions)	371	107,545	34
Total R&D performance, 2006 (\$millions)	2,164	335,377	29
Industry R&D, 2006 (\$millions)	1,396	243,853	29
Academic R&D, 2007 (\$millions)	569	49,406	28
Life sciences (%)	50	60	–
Engineering (%)	24	15	–
Environmental sciences (%)	7	6	–
SBIR awards, 2000–07	174	44,157	32
Utility patents issued to state residents, 2008	395	77,493	33
Gross domestic product, 2007 (\$billions)	153	13,832	28

– = no value possible.

S&E = science and engineering; SEH = science, engineering, and health; SBIR = small business innovation research.

NOTES: Rankings and totals are based on data for the 50 states, District of Columbia, and Puerto Rico. Rankings are based on unrounded totals; they do not account for margin of error of estimates from sample surveys. Employed SEH doctorate holders include only recipients of U.S. doctoral degrees. State estimates for employed SEH doctorate holders may have large sampling errors because the source for these data, the Survey of Doctorate Recipients, was not designed to provide a sample for estimates at the state level; these data are classified by the state where the doctorate holder resides, if known; otherwise, data are classified by employer's location.

Federal obligations for research and development, by agency and performer: South Carolina, FY 2006 (Thousands of dollars)

Agency	Performer							Rank
	Total	Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits	State, local governments	
All agencies	370,562	80,280	15,729	69,770	154,006	45,514	5,263	34
Department of Agriculture	20,043	11,937	0	0	7,472	0	634	35
Department of Commerce	16,594	8,014	0	4,209	3,735	16	620	13
Department of Defense	151,307	54,455	219	54,109	13,907	28,617	0	31
Department of Energy	19,130	187	13,925	0	4,019	999	0	27
Department of Health and Human Services	125,146	0	0	8,225	110,203	3,091	3,627	32
Department of Homeland Security	5,227	3,642	1,585	0	0	0	0	22
Department of the Interior	2,803	2,045	0	299	105	0	354	32
Department of Transportation	446	0	0	140	306	0	0	43
Environmental Protection Agency	1,304	0	0	69	0	1,235	0	28
National Aeronautics and Space Administration	3,913	0	0	1,658	2,227	0	28	46
National Science Foundation	24,649	0	0	1,061	12,032	11,556	0	32
Rank	34	29	16	35	33	19	23	

– = no value possible.

FFRDC = federally funded research and development center.

NOTES: Federal R&D obligations are as reported by funding agencies. Rankings and totals are based on data for the 50 states, District of Columbia, and Puerto Rico.

SOURCES: Prepared by the National Science Foundation/Division of Science Resources Statistics. Data compiled from numerous sources; see the section, "Data Sources for Science and Engineering State Profiles."